

An Introduction to
Student Engagement
in Edible Education

A Workbook for Educators

While we wait for everyone to join, please take a few minutes to do a free write on the following question:

What does student engagement mean to you ?

The Edible
Schoolyard Project
encourages choosing
locally grown, organic
produce to support the
health and wellbeing of
farmers, farmworkers,
and the planet



Who We Are



Raquel Vigil (she/her/hers/they/them)

Raquel is Edible Schoolyard's Senior Curriculum Manager. Raquel has spearheaded the design of over 180 lessons that are free and available to educators at www.edibleschoolyard.org. She is interested in activating non-traditional contexts as sites for learning and igniting student's imagination. She holds a Masters in Curriculum and Teacher from Teachers College of Columbia University and is holds a certificate of horticulture from the Center for Agroecology and Sustainable Food Systems.



Rachel Mewes (they/them/theirs) is a curriculum designer and educator who is committed to innovative pedagogy that centers student knowledge and actively challenges injustice and oppression. They hold a Masters in Curriculum and Teaching and a Certificate in Sexuality, Women and Gender from Teachers College of Columbia University. They have been working with the Edible Schoolyard Project as a curriculum contractor since 2020 and have contributed to the Cooking With Curiosity Curriculum, the Understanding Organic Curriculum, and, most recently, this Student Engagement Workbook for educators.



Agenda

- Introductions
- Defining Student Engagement
- Introduction to the *Student Engagement in Edible Education: A Workbook for Educators*
- Reflection in Break Out Groups
- Scenario Activity
- Closing
- Open Questions



Goals of the Training

- Introduce educators to Edible's new resource: *Student Engagement in Edible Education: a Workbook for Educators*
- Establish a collective understanding of student engagement--recognizing why it's important in kitchen and garden classrooms.
- Engage with reflective practices that encourage educators to consider their own practices in relation to student engagement.



Defining Student Engagement



Prompt: What does student engagement mean to you?

Defining Student Engagement



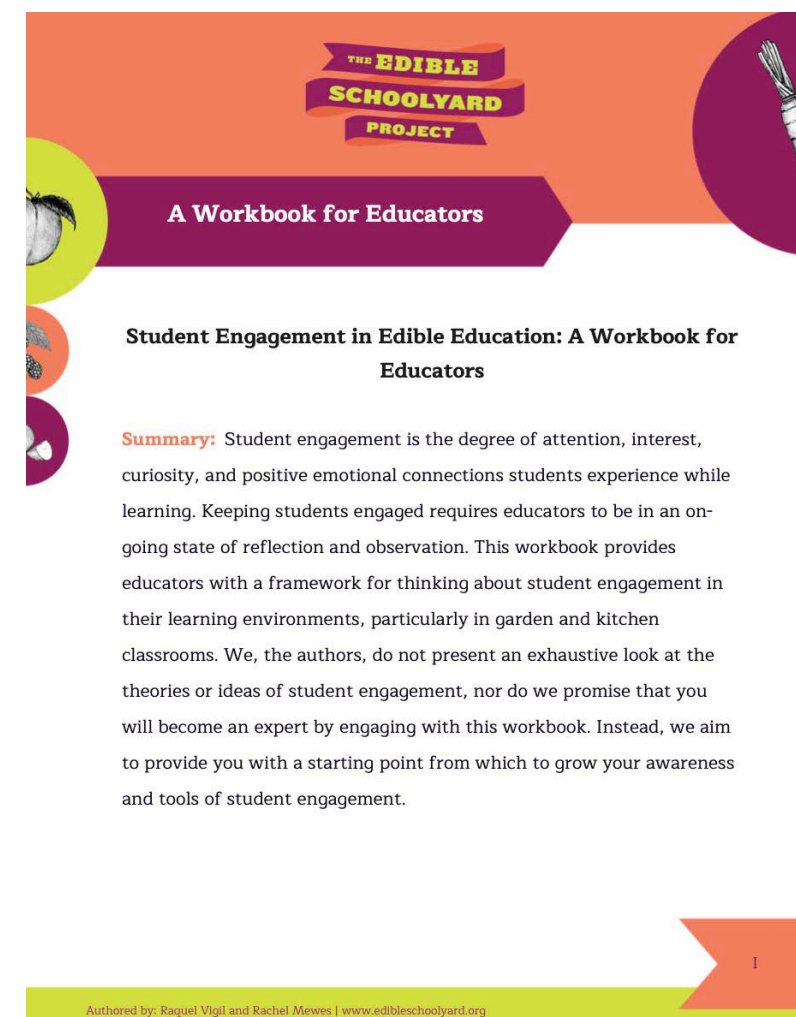
An individual's interest and enthusiasm for learning

In education, student engagement refers to the degree of attention, curiosity, interest, optimism, and passion that students show when they are learning -The Glossary of Education Reform

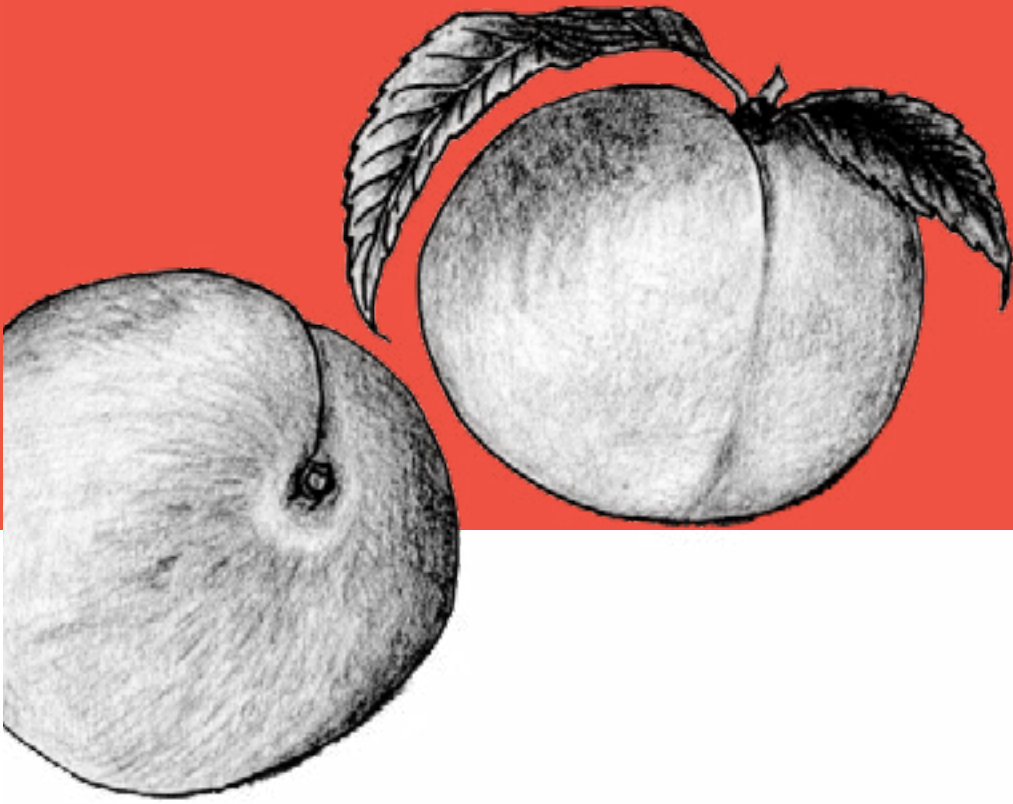
Simply "Energy in action"

Student Engagement Workbook: Overview

This workbook offers a collection of texts and activities to deepen your understanding of student engagement, as well as tools you can bring into your classroom. You will reflect on your own experiences, interact with texts on student engagement, practice recognizing student engagement, and develop a personalized plan to increase student engagement.



Reflection Prompt:



For the next couple of minutes

Reflect on an experience as a student when you were engaged:

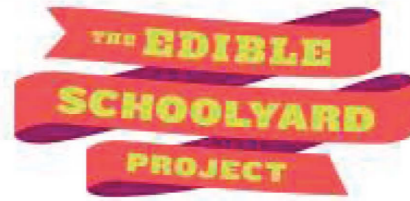
- Can you remember what you were doing?
- What were you learning? How did you feel?
- What do you think made that engagement possible?
- What was the teacher doing? What was the learning environment?

*Next, in breakout groups discuss for 10 minutes
don't forget to introduce yourself!



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Resource Library

Network Map of Edible Education Programs

OUR PLEDGE TO PUBLIC EDUCATION FOR

Children & Farmers

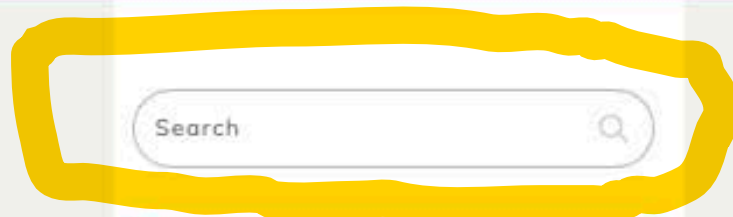
Provide a Free Sustainable School Lunch for All Students K-12

Buy Food Directly from Farmers and Ranchers Who Take Care of the Land and Their Workers



Resource Library

Discover free lesson plans and materials created by our program and partners.



Lesson Planning

PLACE OF LEARNING <

GRADE LEVEL <

CURRICULAR AREA <

EDIBLE EDUCATION TOPIC <

INSTRUCTIONAL APPROACH <

INTENDED AUDIENCE <

Program Development

ADMINISTRATIVE TOOLS <

ORGANIZATIONAL CULTURE <

CLEAR FILTERS

Student Engagement Workbook



Student engagement is the degree of attention, interest, curiosity, and positive emotional connections students experience while learning. It is what we build from to understand instruction.

GRADE:
PREK - 2, 3 - 5, 6
- 8, 9 - 12

How To: Cut Vegetables



Do you want to cut vegetables and fruits like the professional chefs on TV? You can after a little study and a lot of practice. This lesson will introduce you to the basic cuts that are used on most vegetables.

GRADE: 6 - 8, 9 - 12
PROGRESSION: 1 OF 10

Environment Debate Plate: Frittata and Salad



In this eighth-grade humanities lesson, students make frittata and salad with their choice of salad

Practices of Organic Farming: Cover Crops



In this collection of lessons, students will engage in hands-on activities exploring the practices of organic farming. Students will complete a rotation of four activities: soil investigation, cultivation, planting cover crops, and creating a compost pile.

GRADE: 6 - 8, 9 - 12
PROGRESSION: 7 OF 10

Exploring a Community Garden



What can our communities teach us about organic food and practices? In this lesson, students will visit a local garden to explore that question.

GRADE: 6 - 8, 9 - 12

Root Investigations



Have you ever wondered what happens below ground when a plant grows? Today, you are going

ESYB CURRICULUM



Student Engagement Workbook

PLACE OF LEARNING:
Distance Learning
Farm
Garden
Classroom
Indoor
Classroom
Kitchen
Classroom

GRADE LEVEL:
PreK – 2
3 – 5
6 – 8
9 – 12

CONTRIBUTOR:
The Edible Schoolyard Project
Berkeley, CA

TAGS:
Building self-efficacy
Culturally Relevant and
Responsive Curriculum
Assessments

Discussion-Based
Reflection-Based
For Teachers and Educators

Summary:

Student engagement is the degree of attention, interest, curiosity, and positive emotional connections students experience while learning. It is what we build from to understand instruction. Acknowledging the ways that your students engage in your classrooms and focusing on how to access student attention, interest, and curiosity sets you up with a strong base to build out your instructional practices. This workbook offers a collection of texts and activities to deepen your understanding of student engagement, as well as tools you can bring into your classroom. You will reflect on your own experiences, interact with texts on student engagement, practice recognizing student engagement, and develop a personalized plan to increase student engagement.

Student Learning Goals & Objectives:

We hope you, as an educator, will come away from this workbook with:

- A foundational understanding of the pillars and questions that drive notions of student

We hope you, as an educator, will come away from this workbook with:

- A foundational understanding of the pillars and questions that drive notions of student engagement.
- An analysis of your own experiences with student engagement during your time as a student and today as a kitchen and garden educator.
- A clear sense of what area of student engagement you would like to become more skillful in your specific context.
- A personalized plan for how you would like to increase student engagement in your kitchen or garden classroom.
- Tools to work within your organization to collectively reflect on student engagement.

Downloads

 [Student Engagement Workbook](#)

Teaching Notes:

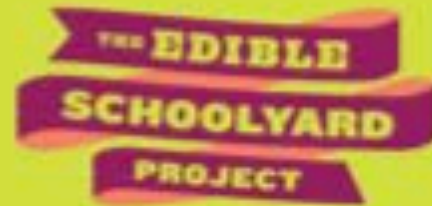
How to get started: To complete this workbook, you will need: Something to write with, internet access, and a notebook to complete reflective prompts. Review our introduction to the workbook and get acquainted with the sections. The workbook consists of eight sections meant to be completed in sequential order. Each section builds on the last, culminating in creating a student engagement toolbox that you can use in your learning environment.

Completing this Workbook with Colleagues: Sometimes we see professional development as only existing outside our organizations in conferences and workshops. However, at the Edible Schoolyard Project, we believe in building a learning community internally where we share best practices and learn from and with each other. We hope you will use this workbook with your colleagues to build a culture that supports student engagement. On Page V see a scope and sequence for the workbook, which has a section for suggestions on how to use the workbook with colleagues.

Workbook Materials: The workbook uses QR codes for various podcasts and readings, which you can access using your mobile device. Open the camera application on your phone and hold the camera over the QR code to access the sites. A link will appear that directs you to the website for the reading or podcast.



A Workbook for Educators



Why Student Engagement?

Oftentimes with experiential education, as in garden and cooking classrooms, students can seem engaged but are completing tasks simply because that is the activity that's been assigned, or students can explicitly resist participating in the lesson. In these situations, it's important for the educator to have the tools and grounding in student engagement practices to shift students into a state of genuine engagement.

Student engagement is what we build from to understand instruction. Acknowledging the ways that your students engage in your classrooms and focusing on how to access student attention, interest, and curiosity sets you up with a strong base to build out your instructional practices.

We hope you, as an educator, will come away from this workbook with:

- A foundational understanding of the pillars and questions that drive notions of student engagement.
- An analysis of your own experiences with student engagement during your time as a student and today as a kitchen and garden educator.
- A clear sense of what area of student engagement you would like to become more skillful in your specific context.
- A personalized plan for how you would like to increase student engagement in your kitchen or garden classroom.
- Tools to work within your organization to collectively reflect on student engagement.

How we want you, as an educator in kitchen and garden classrooms, to use this workbook:

This workbook offers a collection of texts and activities to deepen your understanding of student engagement, as well as tools you can bring into your classroom. You will reflect on your own experiences, interact with texts on student engagement, practice recognizing student engagement, and develop a personalized plan to increase student engagement.

Workbook Sections

- Section One: Personal Reflection on Engagement: pages 1 to 2
- Section Two: Your Teaching and Your Students: pages 3 to 5
- Section Three: Texts on Student Engagement: pages 6 to 9
- Section Four: Overview of Student Engagement: pages 10 to 15
- Section Five: Kitchen and Garden Classroom Scenarios: pages 16 to 26
- Section Six: Observing Student Engagement in Your Classroom: pages 27 to 29
- Section Seven: Building Your Instructional Toolbox: pages 30 to 35
- Section Eight: Putting Student Engagement into Practice: pages 36 to 41
- Appendices:
 - Appendix A: Additional Resources: pages 42 to 44
 - Appendix B: Workbook References: pages 45
 - Appendix C: QR Codes and Links for Section Seven: page 46

We hope you will use this workbook with your colleagues to build a culture that supports student engagement. On **Page V** see a scope and sequence for the workbook, which has a section for suggestions on how to use the workbook with colleagues.

Workbook Sample



Peer Learning Scope and Sequence



Name: _____

Section	Time to complete the activity solo	Time to complete activities with groups	Suggested approach if using this workbook with colleagues
SECTION ONE: Personal Reflection on Engagement	10-20 Minutes		We recommend assigning sections one and two together. Have people complete those sections for themselves and then share their reflections in a short discussion. You can complete these sections individually and begin group work in section three.
SECTION TWO: Your Classroom and Your Students	20-25 Minutes	10-20 minutes solo time and 30 minutes group dialogue	We recommend assigning sections one and two together. Have people complete those sections for themselves and then share their reflections in a short discussion, or begin engaging with this workbook with your colleagues at section three.
SECTION THREE: Texts on Student Engagement	50-90 minutes	30-40 minutes before the meeting if assigning the podcast 30-60 minutes as a large group	<ul style="list-style-type: none">o As a group, fill out the KWQ chart located on page 6o Have a large group (or small group) discussion on the podcast.<ul style="list-style-type: none">→ Select listening to the podcast as a group or individually during or before the meeting. Teachers could listen to one podcast or jigsaw the different texts.→ Consider reflecting on the 4A's (on page 9) in discussion format or providing time for teachers to write their thoughts in the workbook before the discussion.o Next, consider breaking up again into small groups (or stay as a large group) and discuss 1-2 ways you plan to continue to reflect on what was brought up in the readings.



Instructional Goal Setting Sheet



Name: _____

What will you do this week? Consider making a small change that will improve student engagement in the immediate future.			What do you plan to change this school year? Consider making some longer-term observations and larger changes to certain parts of your instruction.			What do you plan to do next school year? Consider gathering some student feedback or making longer-term observations. Dig into the deep curricular work of making changes to your approaches overall.		
Goal(s):			Goal(s):			Goal(s):		
Task	Task	Task	Task	Task	Task	Task	Task	Task

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Examples of Tools and Worksheets



Toolbox Strategy Sheet



Name: _____

Strategy: (describe what the strategy is and its source)

What makes this a useful strategy for your kitchen or garden?

Where and how are you implementing this strategy?

Strategy:

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Where and how are you implementing this strategy?

Strategy:

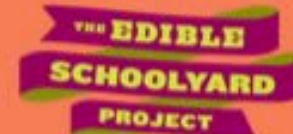
What makes this a useful strategy for your kitchen or garden?

Where and how are you implementing this strategy?

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Student Engagement Observation Chart



Name: _____

Behavior Observed	Teacher and Student Behavior		Engaged or Disengaged? Can you tell if students are engaged or disengaged? What are the cues? What might be causing the engagement/disengagement?	Notes, Questions, Reactions
	What is the instructor doing?	What are the students doing?		

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Scenario Activity

Directions:

- STEP ONE: (5 Minutes): Read the scenario located on the padlet (Use this link or QR code to access directions for the activity).
- STEP TWO: (7 minutes) In your groups discuss: **What did you observe in the scenario? What actions do you think were successful and what do you think the educator could have done differently?**
- STEP THREE: (7 minutes) As a group, come up with a list of student engagement strategies--**How would you change the instruction to support student engagement? Write thoughts in the padlet.**



Scan the code using the Padlet app on your phone or tablet.



Scenario Prompt

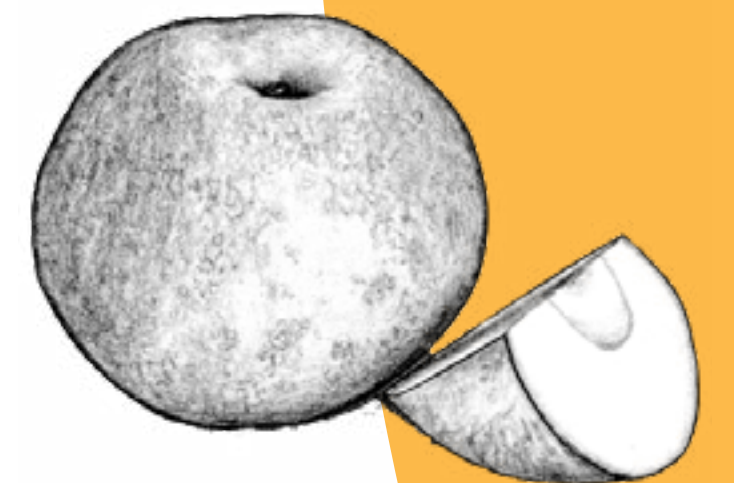
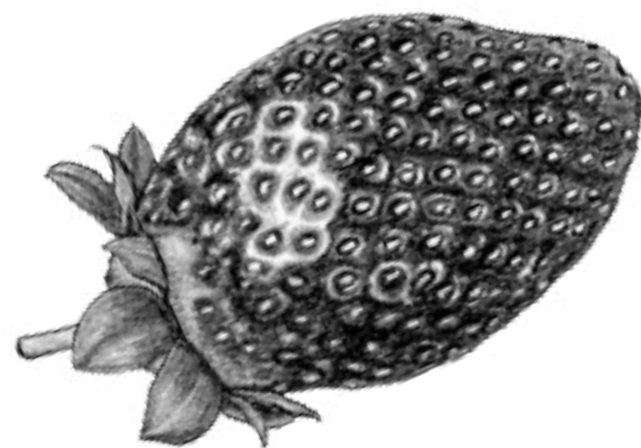
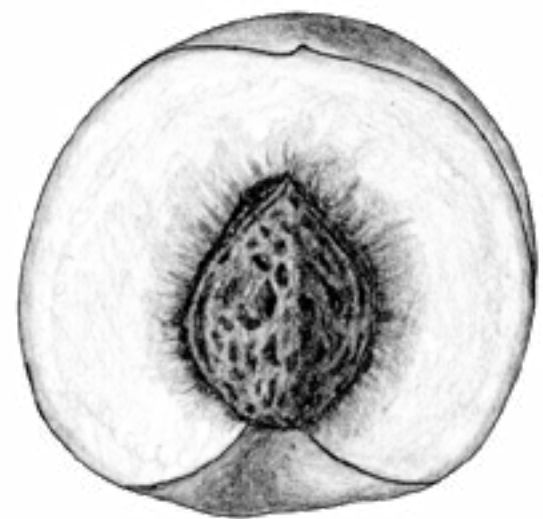
A kitchen educator wants to share some information on the nutrition of spinach. The educator planned to talk for 10 minutes. The educator asks students to share what they know about spinach and shares a visual with some information. One student (student A) who tends to share a lot raises their hand immediately, answering the question. While student A shares, the educator observes two other students talking in hushed voices about spinach. The educator pauses student A and waits for the students who are talking to stop and then reminds the class of “one mic.” The students stop talking and remain silent for the rest of the class.

The educator looks at the clock and realizes they have been talking for 9 minutes, however they have several more points to get through. The educator starts to see that some students are whispering, but the educator continues talking. One student says, “when can we start cooking?” The educator tells the class that they will be cooking soon, but then they talk for another 5 minutes to cover all of the content they have outlined.



Tips for Strengthening Student Engagement

1. **Shift your notions of classroom management.**
2. **Make time to observe.**
3. **Talk to your students.**
4. **Reflect, reflect, and then reflect again.**
5. **Make changes incrementally.**
6. **Changes take time.**



THANK YOU!

Any Questions?

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encourages choosing
locally grown, organic
produce to support the
health and wellbeing of
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